

ABSTRACT OF THE DISCLOSURE

A cylindrical roller bearing includes an outer bearing ring, an inner bearing ring and cylindrical rollers located between the outer and inner bearing rings. One of the rings has side rims forming an axial stop for the cylindrical rollers. The bearing ring on which the side rims are not provided
5 is formed with at least one groove outside the axial extension of the cylindrical rollers. A ring of spring-elastic material is positioned in the groove to form an axial stop for the cylindrical rollers. The periphery of the ring has no interruptions. To improve the running behavior of the cylindrical roller bearing, the ring possesses a V-shaped cross-section with two legs.